

## DEPARTMENT OF AGRICULTURE



### **Infra-Structure Facilities:**

#### **State Seed Farms - Danishpet and Mettur:**

The objective of the state seed farm is to multiply the breeder seeds and foundation seeds and distribute them for the further mass multiplication of these seeds as certified seeds at farmers field as a part of Seed Multiplication Scheme. Paddy, Sorghum, Ragi and Redgram crops are major part of the Seed production programme in SSF.

#### **Coconut Nursery – Danishpet:**

The objective of the Coconut Nursery is to produce and distribute good quality Tall and TallxDwarf Coconut Seedlings to the farmers of Salem and Namakkal District.

#### **Bio-Fertilizer Production Unit- Salem:**

Bio-Fertilizers such as Azospyrillum (Paddy), Azospyrillum (Others), Rhizobium (Pulses), Rhizobium (Groundnut) and Phospho bacteria are produced and distributed both in liquid and carrier based solid form. The objective of the Bio-fertilizer application is to reduce the chemical fertilizer application and improve the soil health status.

#### **Bio-Control Laboratory-Salem:**

Trichoderma viridi, Pseudomonas fluorescens and NPV are the Bio-Control agents produced and distributed to the farmers. The objective of production and distribution of Bio-Control agents is to reduce the farmers dependence on chemical pesticides there by reducing the cost of cultivation and increasing the profit.

#### **Pesticide Testing Laboratory-Salem:**

In order to ensure the quality of pesticides being sold to the farmers and check the movement of misbranded Pesticides in the district, Pesticide samples are taken from both the dealers point and the manufacturers stock point and sent to the Pesticide Testing

Laboratory for analysis. Based on the analysis report steps are taken to check the movement of misbranded pesticides.

#### **Fertilizer Control Laboratory-Salem:**

To make sure that the Fertilizers produced and sold in the Private dealers and PACCS are taken and sent to Fertilizer Control Laboratory for analysis. Based on the analysis report, Non-standard fertilizer movement is restricted.

#### **Soil Testing Laboratory-Salem:**

Soil Samples are taken from the farmers field (Grid System of Sampling) and sent to Soil Testing Laboratory for analysis. Based on the analytical report of the Soil Testing Laboratory, Soil health cards are generated and distributed to the farmers. The objective is to educate the farmers to go for soil health card based chemical fertilizer application and also to control the indiscriminate use of chemical fertilizers that not only affect the soil health status and reduces the produce quality but also increases the cost of cultivation without any additional benefits.

#### **Farmer Training Centre-Salem:**

The objective of the Farmer training centre is to provide village level training to all the farmers for effective transfer of advanced technologies.

#### **Agricultural Technology Management Agency (ATMA)**

The objective is to strengthen Research – Extension – Farmer linkages

Technology Transfer through Demonstrations, Training and Exposure visit.

### **Schemes**

Different schemes are being implemented in our district to disseminate the advanced technologies for increasing productivity and production in all agricultural crops.

#### **I. Centrally Sponsored Schemes:**

- National Agricultural Development Programme (NADP) for Paddy, Millets, Pulses, Oilseeds, Sugarcane and Enriching Soil Fertility through Green Manure
- National Mission on Oilseeds and Oilpalm (NMOOP) – Oilseeds, Oilpalm and Tree Borne Oilseed Crops.
- National Food Security Mission (NFSM)- Pulses, Coarse Cereals and Commercial Crops
- National Mission on Sustainable Agriculture (NMSA)- Integrated Farming System
- Coconut Development Board schemes (CDB) - Coconut
- Sub Mission on Seeds and Planting Materials (SMSP)- Paddy, Millets, Pulses and Oilseeds – Certified Seed Distribution
- Paramparagat Krishi Vikas Yojana (PKVY)- To Encourage Organic Farming
- Pradhan Manthri Krishi Sinchayee Yojana (PMKSY) - Micro Irrigation in Agricultural Crops.

## II. State Schemes

- Tamil Nadu Cotton Cultivation Mission (TNCCM) - cotton
- Mission on Sustainable Dry land Agriculture (MSDA)- Rainfed Millet, Pulses, Oilseeds and Cotton.
- Collective Farming –Establishing FPOs
- Seed multiplication schemes by TANSEDA